

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

1.-7. (Canceled)

8. (New) An electronic circuit configuration for connecting at least one active rotary speed sensor of a vehicle via an assigned signal conditioning circuit to a control unit for further signal processing of a rotary speed signal, comprising:
 - a normally closed switching element inserted into the circuit for a current supply of the active rotary speed sensor, the switching element being able to be switched into an open state via means for detecting an overvoltage in one of a first sensor line and a second sensor line, in order to prevent an overvoltage that is damaging to the active rotary speed sensor.
9. (New) The electronic circuit configuration as recited in Claim 8, wherein:
 - the normally closed switching element includes a transistor, and
 - a base terminal of the transistor is controlled by the means for detecting the overvoltage.
10. (New) The electronic circuit configuration as recited in Claim 9, wherein:
 - the means for detecting the overvoltage includes a diode device that is correspondingly connected in parallel, and
 - the diode device controls a second transistor via at least one Z diode serving as a threshold value element which, in turn, switches the switching element into the open state.
11. (New) The electronic circuit configuration as recited in Claim 9, wherein the active rotary speed sensor is designed for a lower operating voltage than an electrical system voltage of the vehicle.
12. (New) The electronic circuit configuration as recited in Claim 8, wherein the signal conditioning circuit includes a comparator.

13. (New) The electronic circuit configuration as recited in Claim 8, wherein the control unit includes a microcontroller for an input-side supply of the rotary speed signal.

14. (New) A motor vehicle, comprising:

an electronic circuit configuration for connecting at least one active rotary speed sensor of a vehicle via an assigned signal conditioning circuit to a control unit for further signal processing of a rotary speed signal, the electronic circuit configuration including:

a normally closed switching element inserted into the circuit for a current supply of the active rotary speed sensor, the switching element being able to be switched into an open state via means for detecting an overvoltage in one of a first sensor line and a second sensor line, in order to prevent an overvoltage that is damaging to the active rotary speed sensor..